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GmbH, Weisshausstr. 2, 52066 Aachen (DE).

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(74) Agent: VOLMER, Georg; Philips Intellectual Property &
Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

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(71) Applicant (*for DE only*): PHILIPS INTELLECTUAL
PROPERTY & STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

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(71) Applicant (*for all designated States except DE, US*):
KONINKLIJKE PHILIPS ELECTRONICS N.V.
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven
(NL).

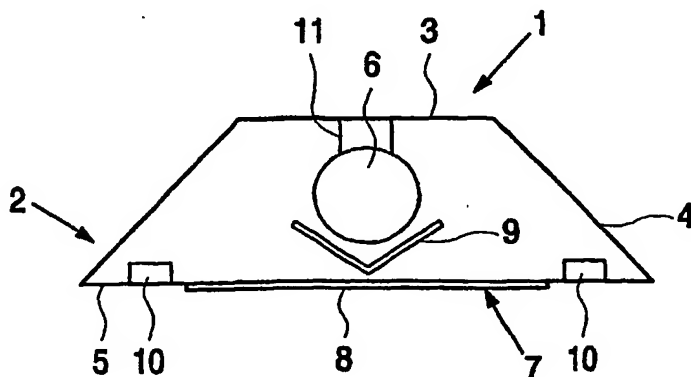
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(72) Inventor; and

(75) Inventor/Applicant (*for US only*): SCHOLL, Robert

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: LAMP SYSTEM WITH GREEN-BLUE GAS-DISCHARGE LAMP AND YELLOW-RED LED



(57) Abstract: The invention relates to a lamp system having- a gas-discharge lamp with a color point in the green-blue,- an LED with a color point in the yellow-red, and- an optical component for additive mixing of the light from the gas-discharge lamp and the LED, and to a corresponding method of illumination. A blue and green emitting fluorescent lamp is particularly suitable as gas-discharge lamp, and a red-yellow-emitting AlGaInP LED or a red-emitting AlGaAs LED as LED. Through additive mixing of the light from these high-efficiency light sources, the invention provides a highly efficient light source affording good color rendering, which contains all three primary colors and is particularly suited to the highly efficient generation of white light.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 198 29 270 A (HOFMANN HARALD PROF DR ING) 7 January 1999 (1999-01-07) abstract column 1, line 3 - line 7 column 2, line 48 - line 58 column 3, line 63 - column 4, line 9 column 4, line 61 - column 5, line 35 column 7, line 43 - line 64 claims 1,8,19-23 --- -/---	1,8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Prévot, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 6 400 104 B1 (HAM BYUNG IL) 4 June 2002 (2002-06-04) column 2, line 26 - line 63 figure 1 -----	1,8

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